

First Named Inventor	Yonjun Jeff Hu	<p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT</p>
Serial No.	Unknown	
Filing Date	Filed herewith	
Group Art Unit	Unknown	
Examiner Name	Unknown	
Attorney Docket No.	400.084US02	
<p>Title: AGGLOMERATION CONTROL USING EARLY TRANSITION METAL ALLOYS</p>		

Mail Stop: Patent Application
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

In compliance with 37 C.F.R. §§ 1.56 and 1.97, *et seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified Application. Applicant respectfully requests that this Information Disclosure Statement be entered and the references listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to MPEP §609, Applicant further requests that the Examiner initial next to each reference on the Form 1449 to indicate that the listed references have been considered. Applicant further requests that a copy of the initialed Form 1449 be returned with the next official communication.

Further pursuant to MPEP §609, because all of the references listed on the attached Form 1449 have been previously submitted and made of record in the parent application, U.S. Patent Application 09/896,093, filed June 28, 2001, copies of the references previously made of record in the parent application are not submitted herewith.

If the Examiner has any questions or concerns regarding this application, please contact the undersigned at the number listed below.

Respectfully submitted,

Date: 02-27-2004


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T – 612/312-2200
F – 612/312-2250

First Named Inventor	Yonjun Jeff Hu	<p align="center"><u>COMMUNICATION</u> <u>REGARDING DIVISIONAL</u> <u>APPLICATION</u></p>
Serial No.	Unknown	
Filing Date	Herewith	
Group Art Unit	Unknown	
Examiner Name	Unknown	
Attorney Docket No.	400.084US02	
Title: AGGOLMERATION CONTROL USING EARLY TRANSITION METAL ALLOYS		

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Prior to taking the above-entitled patent application under examination, please review the following comments:

COMMENTS


This is a divisional application of U.S. Patent Application Serial No. 09/896,093 (the '093 application), titled AGGOLMERATION CONTROL USING EARLY TRANSITION METAL ALLOYS, filed June 28, 2001 (pending). The '093 application was subjected to a Restriction Requirement by Examiner Trung Q. Dang in the Office Action mailed May 6, 2003. Non-elected claims 91-144 of the '093 application are respectively claims 1-54 of the present divisional application.

The specification has been amended to add a cross reference to the '093 application and to conform the Summary to the claims. Formal drawings are submitted.

If the Examiner has any questions or concerns regarding this application, please contact the undersigned at 612 312-2208.

Respectfully submitted,

Date: 02-27-2004


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First Named Inventor	Yonjun Jeff Hu	INFORMATION DISCLOSURE STATEMENT FORM PTO-1449
Serial No.	Unknown	
Filing Date	Herewith	
Group Art Unit	Unknown	
Examiner Name	Unknown	
Attorney Docket No.	400.084US02	
Title: AGGLOMERATION CONTROL USING EARLY TRANSITION METAL ALLOYS		

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Examiner Initials	Foreign Patent		Name	Publication Date	T?
	Country	No.			

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	De Boer et al., "Cohesion in Metals: Transition Metal Alloys", 1988, Amsterdam, North Holland-Elsevier Science, pp. preface-101, 105-142, 339-381, 495-535
	Subramanian et al., "Binary Alloy Phase Diagrams", 1990, Volume I, pp. 51-52, 88, 90, 113-115, 1416, 1418-1419, 1428-1429, 1494-1496, 1473-1475, 1505-1506, 1511-1513
	Wang et al., "Binary Cu-alloy layers for Cu-interconnections reliability improvement" IEEE International Proceedings on Interconnect Technology Conference, 4-6 June 2001, pp 86-88
	Nogami et al., "Characterization of the Cu/Barrier Metal Interface for Copper Interconnects", IEEE International Proceedings on Interconnect Technology Conference, 1-3 June 1998, pp 298-300

Examiner Signature		Date Considered	
*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.			